

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

TI-14657A.2

Robert J. Gove, et al.

Art Unit: 2155

Serial No: 09/875,136

Examiner:

Filed: May 30, 2001

Conf. No.: 8645

For: Reduced Area of Crossbar and Method of Operation

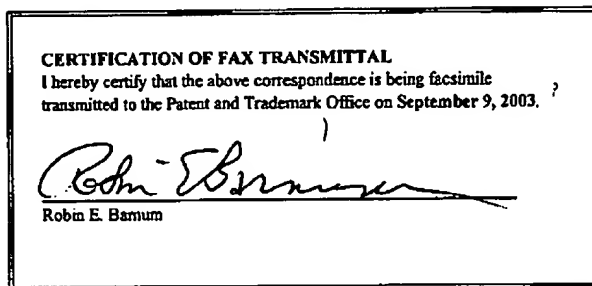
**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:



Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed PTO-1449. Copies of the noted references are enclosed herewith.

Since this IDS is being submitted before any Office Action, no fee is due.

Respectfully submitted,

*Robert D. Marshall, Jr.*

Robert D. Marshall, Jr.  
Attorney for Applicant  
Reg. No. 28,527

Texas Instruments Incorporated  
P.O. Box 655474, MS 3999  
Dallas, TX 75265  
(972) 917-5290

Please type a plus sign (+) inside this box ☐

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	
				Filing Date	May 30, 2001
				First Named Inventor	Robert J. Gove, et al.
				Group Art Unit	2155
				Examiner Name	
Sheet 1 of 1	Attorney Docket No.	TI-14657A.2			

U.S. PATENT DOCUMENTS						
Exam. Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					

FOREIGN PATENT DOCUMENTS								
Exam. Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
	BA							
	BB							
	BC							
	BD							
	BE							
	BF							
	BG							
	BH							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exam. Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	R.J. Clarke, et al.; A Speech Grade Analog/Digital Signal Processor Chip, 1988, Austek Microsystems Pty. Ltd.; pgs. 149-155	
	CB		
	CC		
	CD		
	CE		
	CF		
	CG		
	CH		

Examiner Signature	Date Considered
-----------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

US and Foreign Patent Documents: <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Other Prior Art/Non-Patent Literature Documents: <sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Mail Stop: DD, Alexandria, VA 22313-1450

To: Technology Center: 2155  
Facsimile Number: 703-746-7239

Total Pages Sent: 27

From: Robert D. Marshall, Jr.  
Texas Instruments Incorporated  
Facsimile: 972-917-4418  
Phone: 972-917-5290

RECEIVED  
CENTRAL FAX CENTER

SEP 09 2003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Robert J. Gove, et al.

TI-14657A.2

Art Unit: 2155

Serial No.: 09/875,136

Examiner:

Filed: May 30, 2001

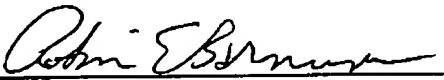
Conf. No.: 8645

For: Reduced Area of Crossbar and Method of Operation

OFFICIAL

## CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-746-7239 on the date shown below:

  
Robin E. Barnum

September 9, 2003  
Date

## FACSIMILE COVER SHEET

<input checked="" type="checkbox"/> FACSIMILE COVER SHEET	<input checked="" type="checkbox"/> AMENDMENT <u>Prel - Supp'l (15 Pages)</u>
<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> EOT <u>(# Pages)</u>
<input type="checkbox"/> DECLARATION (# Pages)	<input type="checkbox"/> NOTICE OF APPEAL (# Pages)
<input type="checkbox"/> ASSIGNMENT (# Pages)	<input type="checkbox"/> APPEAL <u>(# Pages)</u>
<input type="checkbox"/> FORMAL DRAWINGS	<input type="checkbox"/> ISSUE FEE (# Pages)
<input type="checkbox"/> INFORMAL DRAWINGS	<input type="checkbox"/> REPLY BRIEF (IN TRIPLICATE) (# Pages)
<input type="checkbox"/> CONTINUATION APP'N (# Pages)	<input checked="" type="checkbox"/> IDS TL (1 page)
<input type="checkbox"/> DIVISIONAL APP'N	<input checked="" type="checkbox"/> PTO-1449 (1 page)
<input checked="" type="checkbox"/> Amt Fee TL (1 page)	<input checked="" type="checkbox"/> (1) Ref (8 pages)
NAME OF INVENTOR(S): Robert J. Gove, et al.	
TITLE OF INVENTION: Reduced Area of Crossbar and Method of Operation	
TI FILE NO.: TI-14657A.2	DEPOSIT ACCT. NO.: 20-0668
FAXED: 9/9/03	
DUE: ---	
ATTY/SECY: RDM/reb	
RECEIPT DATE & SERIAL NO.: Serial No.: 09/875,136 Filing Date: May 30, 2001	

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265